



## LIFT STATION PIPING DETAIL

SCALE: NONE

### NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

- PUMP PIPING SHOWN IS THE SAME FOR BOTH PUMPS.
- VERIFY ALL PUMP HARDWARE DIMENSIONS FOR OPENING LOCATIONS AND PLACEMENT OF HARDWARE WITH PUMP MANUFACTURER.
- SEE SHEET 3 FOR WET WELL AND VALVE/SUMP PIT DIMENSIONS.
- SEE SHEET 4 FOR ADDITIONAL NOTES.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE)

### KEYED NOTES:

- CONDUITS FROM ELECTRICAL CONTROL PANEL SEAL OPEN ENDS W/MASTIC WATERPROOF SEALANT.
- PRESSURE GAUGE 0-100 PSI. INSTALL GAUGE FACE IN HORIZONTAL PLANE, FACING DRY WELL OPENING, WITH ISOLATION VALVE.
- FLANGED BALL CHECK VALVE (FURNISHED WITH PUMP).
- STAINLESS STEEL GUIDE BARS FOR PUMP REMOVAL (FURNISHED WITH PUMP).
- STAINLESS STEEL LIFTING CHAIN (FURNISHED WITH PUMP).
- FLANGED PLUG VALVE (FURNISHED WITH PUMP).
- USE DRESSER TYPE COUPLINGS WHEN JOINING DISSIMILAR PIPING MATERIALS (TYP).
- NON-SHRINK, NONMETALLIC GROUT (TYP).
- 2" ADJUSTABLE PIPE SUPPORT (TYP).
- SLOPE FINISH GRADE AWAY FROM CONCRETE LID.

4-18-04	U	REVISED TITLE	SP	SH	SH	TS
3-24-03	U	ADDED 6" PVC TO STILLING WELL, DRY NO. 100, 100% AND TRACER WIRE TEST STATION	SP	SH	SH	TS
12-18-02	U	COLLECTED DROP INLET BRANCH AND REVISED JERSEY BRIDGE 1 AND 1A	SP	SH	SH	TS
8-3-05	U	CHANGED PUMP AND TRANSFORMER TO 2000 WATT, 240 VAC, 30 AMP, 3000 VA	SP	SH	SH	TS
NO	DATE	CLASS	REV	DESCRIPTION	DATE	BY

**ENGINEERING STANDARDS MANUAL**

EXTERIOR SEWAGE LIFT STATION

TA-X

DATE: 8-28-05

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CHAPTER 3 ST-G3020-2